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By

Eric L. Maldonado

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Attorney Docket No. NECA 20.522 (100806-00219)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Takahiro TAKEMOTO
Serial No.: 10/625,091
Filed: July 22, 2003
Title: LIQUID-CRYSTAL...
Examiner: Richard A. Hjerpe
Art Unit: 2674
Con. No.: 8769

June 15, 2004

Director of the U.S. Patent and
Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

S I R:

In order to comply with discretionary rules 37 CFR §§1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and a copy of the documents listed thereon. This document contains information in which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As this statement is being filed prior to issuance of a first Office Action, no fee is due.

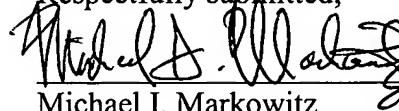
The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated

that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

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Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael I. Markowitz", written over a horizontal line.

Michael I. Markowitz

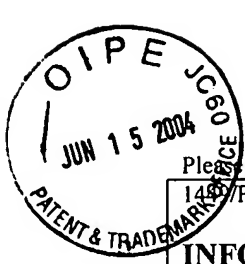
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U.S. Department of Commerce
Patent and Trademark Office

Application No. : 10/625,091

Filing Date : July 22, 2003

First Named Inventor: T. TAKEMOTO

Group Art Unit : 2674

Examiner Name : R.A. HJERPE

Attorney Docket No. : NECA 20.522

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		2001-249643	JP	ADVANCED DISPLAY INC	09/14/2001	
		2002-049361	JP	MATSUSHITA ELECTRIC IND CO LTD	02/15/2002	

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
Examiner Signature		Date Considered	

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